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## In the Specification:

At page 9, please amend the last paragraph beginning at line 28 as follows:

In the process of converting matte in furnace 12, to produce blister copper output from furnace 12 as shown at 18, the Fe and S present in the matte are removed by reaction with oxygen by:

$$2FeS + 30_2 \rightarrow 2FeO + 2SO_2 \tag{1}$$

$$3\text{FeS} + 50_2 \rightarrow \text{Fe}_30_4 + 3\text{S}0_2$$
 (2)

$$Cu_2S + O_2 \rightarrow 2Cu + SO_2 \tag{3}$$

$$2Cu_2S + 32O_2 \rightarrow 2Cu_2O + 2SO_2$$
 (4)

Thus, iron reports as iron oxide in the slag, while S reports as SO<sub>2</sub> in the converting furnace off-gas stream.

So that the amended paragraph reads:

In the process of converting matte in furnace 12, to produce blister copper output from furnace 12 as shown at 18, the Fe and S present in the matte are removed by reaction with oxygen by:

$$2FeS + 30_2 \rightarrow 2FeO + 2SO_2 \tag{1}$$

$$3\text{FeS} + 50_2 \rightarrow \text{Fe}_3 0_4 + 3\text{S}0_2$$
 (2)

$$Cu_2S + O_2 \rightarrow 2Cu + SO_2 \tag{3}$$

$$2Cu_2S + 3O_2 \rightarrow 2Cu_2O + 2SO_2$$
 (4)

Thus, iron reports as iron oxide in the slag, while S reports as SO<sub>2</sub> in the converting furnace off-gas stream.